

GreenSurge® Foliar

ADVANCED MAGNESIUM NUTRITION



GreenSurge® Foliar is a premium, foliar-applied magnesium product built with a proprietary blend of FBS Transit®, our patented technology, along with various organic compounds that deliver highly mobile magnesium that is efficiently absorbed by the leaves and distributed to the plant for a long term green-up. Results in rapid chlorophyll construction and optimum photosynthesis. GreenSurge Foliar is designed for use on all crops including tree nuts, vineyards, fruit, vegetable, grain, and forage crops.

Benefits of GreenSurge Foliar

- Increases Chlorophyll Density
- Supports Photosynthesis
- Increases ATP Use
- Improves Enzyme Functions & Protein Synthesis
- Resolves Magnesium Deficiency
- Improves Plant Health & Quality

ADVANCED FOLIAR TECHNOLOGY

Increased Foliar Penetration

- Low molecular weight organic acids complex the nutrients for rapid absorption through tissue

Phloem Mobility

- Reduces the binding of nutrients which allows for increased mobility of low phloem-mobile nutrients

Tank Compatibility

- Reduces antagonism with pesticides, other fertilizers, and hard water in the tank for increased compatibility

Crop Safety

- Low risk of phytotoxicity



GreenSurge® Foliar

TECHNICAL INFORMATION

The nutrient and organic compounds in GreenSurge® Foliar address magnesium deficiencies commonly present in many soils.

Importance of Magnesium in Plants

Magnesium is the center element in the chlorophyll molecule and is required for chlorophyll production. It is therefore important in Photosynthesis, which is the base for plant health, yield and quality. Magnesium plays a big role in protein synthesis and RNA function as well as helping with the generation and use of ATP.

RECOMMENDATION & COMPATIBILITY

For applications on orchards and vineyards apply 1 to 6 quarts per acre in spring. Always use the higher rate with spray volume greater than 50 gallons per acre. Repeat as needed. For applications on all other crops apply 1 to 4 quarts per acre any time during growing season. Repeat as needed.

GreenSurge Foliar is designed for foliar application in advance of visual deficiencies and should be applied as a foliar spray. May be applied in combination with other FBSciences' products such as PhotoGreen® Foliar and Zicron® Foliar.

GreenSurge Foliar is compatible with a wide range of nutrient and pesticide solutions and may be applied as a tank mix solution. Recommended mixing sequence: water, adjuvants, pesticides, FBSciences nutrient products, other fertilizers, balance of water while agitating. When mixing with high phosphate fertilizers, add a citric acid buffer until the pH is 4.5 to 5.0 to improve compatibility and uptake. Ensure agitation is available when mixing with calcium fertilizers. A standard jar test is recommended before tank mixing.

See product label for complete Directions For Use.

GUARANTEED ANALYSIS

Magnesium (Mg)	4.0%
Sulfur (S)	5.0%

Derived from: magnesium sulfate.

Net Weight

10.3 lbs per Gallon @ 68° F

1.2 kgs per Liter @ 20° C

ESSENTIAL ON A WIDE VARIETY OF CROPS

